

REMARKS/ARGUMENTS

Favorable reconsideration of this application, as presently amended and in light of the following discussion, is respectfully requested.

Claims 22-28 are pending in the present application. Claim 22 is amended by the present amendment. Support for amended Claim 22 can be found in the originally filed specification, claims and drawings.¹ No new matter is added.

In the Office Action, Claims 22 and 25-27 are rejected under 35 U.S.C. § 103(a) as unpatentable over Luo et al. (U.S. Pat. 6,216,158, herein Luo) in view of Russell (U.S. Pat. 5,729,220); and Claims 23-24 and 28 are rejected under 35 U.S.C. § 103(a) as unpatentable over Luo in view of Russell and Sudo (EP 0797336).

Claims 22 and 25-27 are rejected under 35 U.S.C. § 103(a) as unpatentable over Luo in view of Russell. In response to this rejection, Applicant respectfully submits that amended independent Claim 22 recites novel features clearly not taught or rendered obvious by the applied references.

Independent Claim 22 recites, in part, an information processing system, wherein

... said information processing device includes ***a local user interface configured to receive a user input local to the information processing device selecting a subset of a plurality of item data available at the information processing device as previously set item data*** and associate the selected previously set item data with the identification ID of the remote controller, terminal and

the information processing device is configured to respond to said driving signal and said identification ID by verifying said identification ID has access according to registered ID information, and configured to, if access is permitted, ***transmit to said remote controller terminal previously set item data corresponding to the received identification ID...***

As disclosed in an exemplary embodiment at Figs. 4A-4B and pp. 9-11 of the specification, the item data transmitted to the remote controller terminal is selected using a user interface of the information processing device. The selected item data is associated with

¹ E.g., specification, Figs 4A-4B and pp. 9-11.

the remote controller terminal, so that when the remote controller terminal requests control of the information processing device, only the previously set data items (representing a subset of the data items available at the information processing device) are transmitted to the remote controller terminal. The remote controller terminal then uses the received data items to control the information processing device.

Turning to the applied references, Luo describes a system and method using a palm sized computer (e.g. controller 100/200) to control network devices (e.g. display service 140). More particularly, Luo describes that a program on the palm sized computer is used to access a registry 120 of network services that may be available. The registry 120 includes descriptions for various services, and each description includes at least a reference to program code that can be downloaded to the palm sized computer. Execution of the downloaded programs causes the palm sized computer to issue commands directly to the specific network services.²

Luo, however, fails to teach or suggest that the remotely controlled information processing device transmits previously set item data to the remote controller terminal based on the controller's ID, the previously set item data being set at *"a local user interface [of the remotely controlled information processing device] configured to receive a user input local to the information processing device selecting a subset of a plurality of item data available at the information processing device as previously set item data,"* as recited in amended independent Claim 22.

In rejecting the previously presented arguments with respect to independent Claim 22, the Response to Arguments portion of the Office Action at p. 5 asserts that "[t]he claims do not distinguish what encompasses 'previously set item data' and is thus merely data... [t]he

² Luo, Abstract.

data transmitted in Luo therefore satisfies ‘data’ to be ‘previously set item data.’” Applicant, however, respectfully traverses this assertion.

As noted above, Claim 22 is amended to recite that the information processing device includes “***a local user interface configured to receive a user input local to the information processing device selecting a subset of a plurality of item data available at the information processing device as previously set item data*** and associate the selected previously set item data with the identification ID of the remote controller terminal.” Thus, the “previously set item data” is not merely “data” as asserted in the Office Action, but is instead data selected at a user interface local to the information processing device, which is associated with an ID corresponding to a remote controller terminal. Claim 22 further recites that the “information processing device is configured to respond to said ... identification ID by verifying said identification ID has access according to registered ID information, and configured to, if access is permitted, ***transmit to said remote controller terminal previously set item data corresponding to the received identification ID...***” Thus, the “previously set item data” at the information processing device is transmitted to the remote controller terminal based on the received identification ID corresponding to the remote controller terminal.

Moreover, in rejecting the features directed to the interface of the information processing device, the Office Action relies on col. 4, ll. 60-65, and col. 6, ll. 1-20:55-67 of Luo. Col. 4, ll. 60-65 of Luo describes a service application protocol manager 262 at the control device 100/200 that interfaces between a network based computer service 250 and the control device 200 and accepts tasks from the control device 200. Thus, this protocol manager 262 is local to the control device and is not related to the device that is controlled (e.g. display service 140). Further, col. 6, ll. 1-20 of Luo describes that a GUI 212 of the control device 100/200 accepts a user input to control an application, and that the control device may optionally be registered with a directory service via a registration protocol. The

control device may also optionally search a directory service 220 and download a desired service descriptor for subsequent remote control operations. Col. 6, ll. 55-67 of Luo further describes that the control device 100/200 includes a control application 210 having a GUI front-end that accepts a user input to control a PowerPoint presentation. Thus, these cited portions of Luo fail to teach or suggest receiving an input at the device to be controlled selecting a subset of data items to be sent to the controlling device, whatsoever.

Further, col. 3, ll. 42-67, for example, Luo describes that the palm sized computer 100 selects an application for which control is desired, and downloads the appropriate executable files needed to remotely control network resources to execute the application. In one example, Luo describes that the palm sized computer 100 accesses network resources to locate elements required to remotely control a presentation located on the network. The palm sized computer 100 uses an application service 130 (to run PowerPoint), a persistent storage service 150 (to store the presentation), and a display service 140 (to display the presentation images). Once the palm sized computer 100 has located the necessary services, it downloads the code required to control those services (using the lookup and download protocols). The palm sized computer 100 is then capable of directly controlling the services it requires.

Therefore, Luo is directed to processes that are initiated by the remote controller 100/200 to control an information processing device (e.g. display service 140). At no point does Luo teach or suggest that the information processing apparatus to be controlled includes ***“a local user interface configured to receive a user input local to the information processing device selecting a subset of a plurality of item data available at the information processing device as previously set item data*** and associate the selected previously set item data with the identification ID of the remote controller terminal.” Luo also fails to teach or suggest that the information processing device “is configured to respond to said... identification ID by verifying said identification ID has access according to registered ID

information, and configured to, if access is permitted, ***transmit to said remote controller terminal previously set item data corresponding to the received identification ID,***” which is also a feature required by amended independent Claim 22.

More specifically, none of the resources controlled by the palm sized computer 100 transmit previously set item data to the palm sized computer 100 based on the computer’s ID, the previously set item data being determined by a computer to be controlled that includes “***a local user interface configured to receive a user input local to the information processing device selecting a subset of a plurality of item data available at the information processing device as previously set item data*** and associate the selected previously set item data with the identification ID of the remote controller terminal,” as recited in amended independent Claim 22. As noted above in an exemplary embodiment, the information processing device (e.g. PC 2), which is to be remotely controlled by the remote controller terminal (e.g. mobile phone 3), allows a user to locally select a subset of item data that is associated with the remote controller terminal. When the information processing device receives a request to be controlled by the remote controller terminal, the information processing device transmits the selected subset of data to the remote controller terminal based on the remote controller’s ID. Luo fails to teach or suggest a configuration analogous to that outlined above, and as recited in amended independent Claim 22.

Further, neither Russell nor Sudo cure any of the above noted deficiencies of Luo. Therefore, Luo, Russell, and Sudo do not teach or suggest each and every element of independent Claim 22, and it is respectfully submitted that Claim 22 (and Claims 23-28 dependent therefrom) is patentable over Luo, Russell, and Sudo.

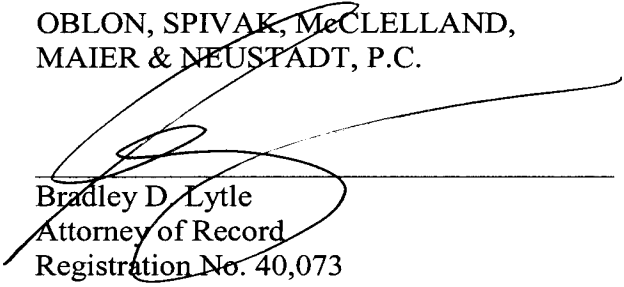
Consequently, in view of the present Amendment and in light of the foregoing comments, it is respectfully submitted that the invention defined by Claims 22-28 is patentably distinguishing over the applied references. The present application is therefore believed to be in condition for formal allowance and an early and favorable reconsideration of the application is therefore requested.

Respectfully submitted,

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